Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

Jameco Part Number 217744

DELTA

AE SERIES **POWER ENTRY MODULE EMI FILTERS**

INTRODUCTIONS

1. Power module incorporates an IEC connector, a fuse holder with optional power on/off switch and voltage selector switch, plus an EMI filter all-in-one single, easy-to-install unit.
2. Fuse holder designed for one IEC 5x20mm fuse. Safety interlock prevents fuse removal with line plug inserted.
3. AE1/3/4/5: UL, CSA
   AE2: UL, CSA, VDE

SPECIFICATIONS

1. Maximum leakage current each
   line-to-ground @ 115VAC 60Hz: 0.25mA
   @ 250VAC 50Hz: 0.45mA
2. Hipot rating (one minute)
   line-to-ground: 2250VDC
   line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
CURRENT RATING	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
3A	5	15	20	25	25	30
6A	10	20	22	35	38	45
10A	5	15	20	37	45	50

TYPE & RATED CURRENT

DELTA PART NO.	**03AE1 06AE1 10AE1**	**03AE2 06AE2 10AE2**	**03AE3 06AE3**	**03AE4 06AE4**	**03AE5 06AE5**
IEC CONNECTOR	△	△	△	△	△
FUSE HOLDER	△	△	△	△	△
POWER SWITCH	–	SP[1]	SP[1]	–	–
VOLTAGE SELECTOR SW	–	–	REAR[2]	REAR[2]	FRONT[3]
ELECTRICAL SCHEMATIC	FIG. A	FIG. A	FIG. A	FIG. A	FIG. B

ELECTRICAL SCHEMATIC

AE3, AE4 ONLY

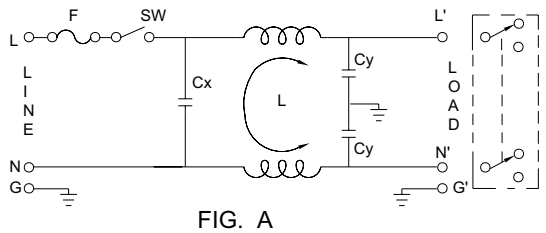


FIG. A

AE5

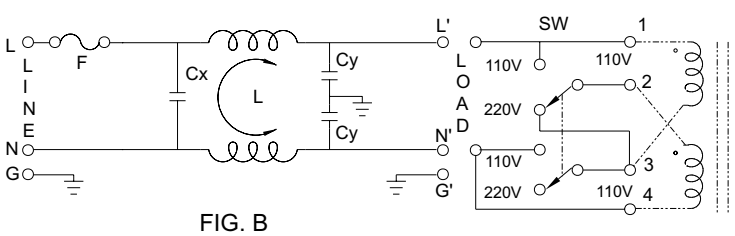
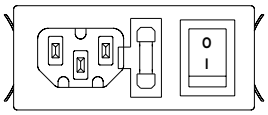


FIG. B

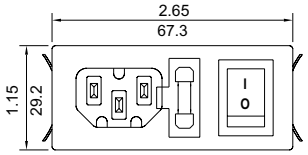
- AE1, AE4 without power SW
  L1: 2.6mH (3A)
  L1: 0.5mH (6A)
  L1: 0.2mH (10A)
  Cx: 0.015uF
  Cy: 3300pF

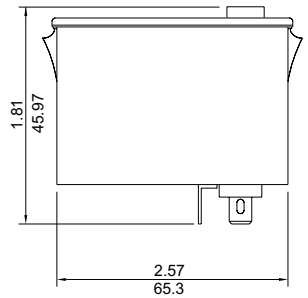
- Suggested thickness of mounting panel is from 0.04 to 0.07 inch
- Suggest mounting cutout

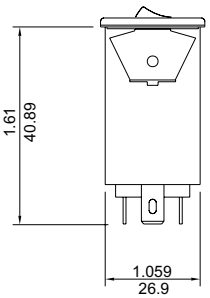
MECHANICAL CONSTRUCTION



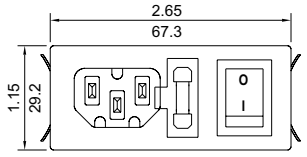
AE1 (without power switch)
AE2

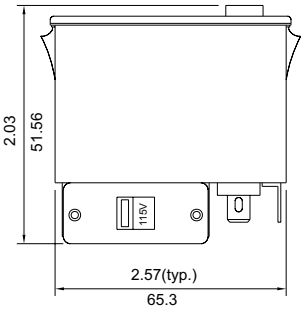


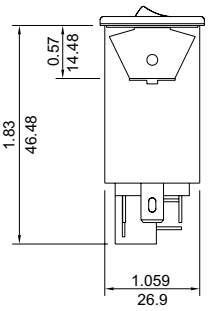




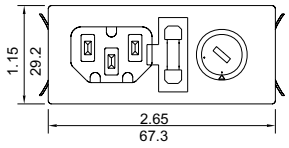
AE3
AE4 (without power switch)

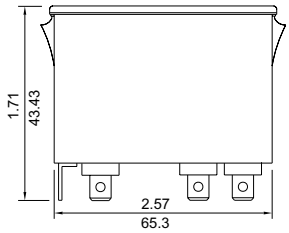


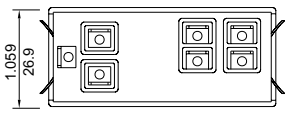




AE5







UNIT: INCH / mm